

FIG. 1 A

1 TTTCCTCACTGACTATAAAAGAATAGAGAAGGAAGGGCTTCAGTGACCGGCTGCCTGGCTGACTTACAGCAGTCAGACTCTGACAGGATC  
 91 ATGGCTATGATGGAGGTCCAGGGGGACCCAGCCTGGGACAGACCTGCGTGCTGATCGTGATCTTCACAGTGCTCCTGCAGTCTCTCTGT  
 1 MetAlaMetMetGluValGlnGlyGlyProSerLeuGlyGlnThrCysValLeuIleValIlePheThrValLeuLeuGlnSerLeuCys  
 181 GTGGCTGTAACCTACGTGTACTTTACCAACGAGCTGAAGCAGATGCAGGACAAGTACTCCAAAAGTGGCATTGCTTGTCTTCTTAAAGAA  
 31 ValAlaValThrTyrValTyrPheThrAsnGluLeuLysGlnMetGlnAspLysTyrSerLysSerGlyIleAlaCysPheLeuLysGlu  
 271 GATGACAGTTATTGGGACCCCAATGACGAAGAGAGTATGAACAGCCCCTGCTGGCAAGTCAAGTGGCAACTCCGTCAGCTCGTTAGAAAG  
 61 AspAspSerTyrTrpAspProAsnAspGluGluSerMetAsnSerProCysTrpGlnValLysTrpGlnLeuArgGlnLeuValArgLys  
 361 ATGATTTTGAGAACCTCTGAGGAAACCATTTCTACAGTTCAAGAAAAGCAACAAATATTTCTCCCCTAGTGAGAGAAAAGAGGTCCTCAG  
 91 MetIleLeuArgThrSerGluGluThrIleSerThrValGlnGluLysGlnGlnAsnIleSerProLeuValArgGluArgGlyProGln  
 451 AGAGTAGCAGCTCACATAACTGGGACCAGAGGAAGAAGCAACACATTGTCTTCTCCAACTCCAAGAATGAAAAGGCTCTGGGCCGCAAA  
 121 ArgValAlaAlaHisIleThrGlyThrArgGlyArgSerAsnThrLeuSerSerProAsnSerLysAsnGluLysAlaLeuGlyArgLys  
 541 ATAAACTCCTGGGAATCATCAAGGAGTGGGCATTCTTCTGAGCAACTGCACTTGGAGGAATGGTGAAGTGGTCATCCATGAAAAGGG  
 151 IleAsnSerTrpGluSerSerArgSerGlyHisSerPheLeuSerAsnLeuHisLeuArgAsnGlyGluLeuValIleHisGluLysGly  
 631 TTTTACTACATCTATTCCCAAACATACTTTTCGATTTCAGGAGGAAATAAAAGAAAACACAAAGAACGACAAACAAATGGTCCAATATATT  
 181 PheTyrTyrIleTyrSerGlnThrTyrPheArgPheGlnGluGluIleLysGluAsnThrLysAsnAspLysGlnMetValGlnTyrIle  
 721 TACAAATACACAAGTTATCCTGACCTATATTGTTGATGAAAAGTGCTAGAAATAGTTGTTGGTCTAAAGATGCAGAATATGGACTCTAT  
 211 TyrLysTyrThrSerTyrProAspProIleLeuLeuMetLysSerAlaArgAsnSerCysTrpSerLysAspAlaGluTyrGlyLeuTyr  
 811 TCCATCTATCAAGGGGGAATATTTGAGCTTAAGGAAAATGACAGAATTTTGTCTGTAACAAATGAGCACTTGATAGACATGGACCAT  
 241 SerIleTyrGlnGlyIlePheGluLeuLysGluAsnAspArgIlePheValSerValThrAsnGluHisLeuIleAspMetAspHis  
 901 GAAGCCAGTTTTTTTCGGGGCCTTTTTAGTTGGCTAACTGACCTGGAAAGAAAAGCAATAACCTCAAAGTGACTATTTCAGTTTTTCAGGAT  
 271 GluAlaSerPhePheGlyAlaPheLeuValGlyStp  
 991 GATACACTATGAAGATGTTTCAAAAAATCTGACCAAAACAAACAGAAA

FIG. 1 B

41BBL 80 DPAGLLDLRQGMFAQDLVAQ-----NVLLIDGPD-----SWYSDPGLAGVSLTG-GLSYKEDTKELVVA  
 OX40L 52 VSH---RYPRIQSIKVQFT-----EYKKEKG-----F--ILTS---QKED-IMKVQNN--SVIIN  
 CD27L 45 QQQLPLESLGWDVAELQLN-----HTGPQDPRL-----YWQGGPALGRSFLH--GPELDKG--QLRIH  
 CD30L 87 LCILKRAPFKKSWAYLQVA-----KHLNKTCL-----SWNKD---GILH--GVRYQDG--NLVIO  
 TNF 77 VRSSRTPSDKPVAHVVAN-----PQAEGQL-----QWLNRRAN--ALLAN--GVELRDN--QLVVP  
 LTb 77 EEPETDLSPGLPAAHLIGA-----PLKGQGL-----GWETTKEQ--AFLTS--GTQFSDA--EGLALP  
 LTa 52 PKMHLAHSTLKPAAHLIGD-----PSKQNSL-----LWRANTDR--AFLQD--GFSLSNN--SLLVVP  
 CD40L 113 MQ--KGDQNPQIAAHVISE-----ASSKTTSVL-----QWAEKGY--TMSNN--LVTLENG--KQLTVK  
 Apo1L 134 PSPPPEKKELRKVAHLTGK-----SNSRSMPL-----EWEDTYGIV--VLLS--GVKYKKG--GLVIN  
 Apo2L 114 VRE---RGQQRVAHITGTGRSNTLSSPNSKNEKALGRKINSWESSRSGH--SFLS--NLHLRNG--ELVIH

41BBL 137 KAGVYVYVFFQLELRRVVAEGS---GSVSLALHLQPLRSAGAAALALTVDLPPAS-----  
 OX40L 97 CDGFFYLISLKGYSQE-----VNISLH--YQKDE--EP--LFQLKKVRSVN-----  
 CD27L 100 RDGIYMVHIOVTLAICSSTASRH--HPTTLAVGICSPAS---RSISLLRLSFH-----  
 CD30L 135 FPGLYFIICQLQFLVQCP-----NNSVDLKLLELLINKHI---KKQALVTVCES-----  
 TNF 128 SEGILYIYSQVLFKGGGCP-----STHVLTLHTISRIAVSY--OTKVNLLSAIKSPCQRETPE---  
 LTb 129 QDGLYLYLYCLVGYRGRAPPGGDPQGRSVTLRSSLYRAGGAYGPGTPELLLEGAETVTPVLDPARR  
 LTa 103 TSGIYFVYSQVVFSGKAYSPKAT--SSPLYLAHEVQLFSQY--PFHVPLLSQKMVYPGL-----  
 CD40L 165 ROGLYYIYAQVTFCSNREA-----SSQAPFIASLCLKSPGR--FERILLRAANTHSSAK-----  
 Apo1L 186 ETGLYFVYSKVYFRGQSC-----NNLP--SHKVYMRNSKY--PQDLVMMEGKMSYCTT-----  
 Apo2L 178 EKGFFYIYSQTYERFQEEIKENTK--NDKQMVQYIYKYTS--Y--PDPIILMKMSARNSCWSKDA----

41BBL 190 ---SEARNSAFGFQGRLLHLS-AGQRLGVHLHTEARARHAWQLTQGATVLGLFRTVTEIPAGLPSRSE  
 OX40L 137 ---SLMVASLTYKDK---VYLNVTTDNT-SLDQDFHVNGGELILIHNPGEFCVL  
 CD27L 149 ---FHQGCTIVSQRLTPLAR--GDTLCTNLGTGL-LPSRNTD-----ETFFGVQWVRP  
 CD30L 180 ---GMQTKHVYQNLSQLLDYLVQNTTISVNVDTFQYI--DTSTFPLEN--VLSIFLYSNSD  
 TNF 184 GAEAKPWYEPILYLGGVFOLEK--GDRLSAEINRPDY--DFAESG-----QVYFGIIAL  
 LTb 195 QGYGPLWYTSVGFGLVQLRR--GERVYVNIISHPDY--DFARG-----KTFFGAVMVG  
 LTa 160 ---QEPWLHSMYHGAAAFOLTQ--GDQLSTHTDGIPIHVLSPST-----VFFGAFAL  
 CD40L 217 ---PCGQQSIIHLGGVFELQP--GASVFVNVTDPSQVSHGTG-----FTSFGLLKL  
 Apo1L 237 ---GQMWARSYLGAVFNLT--ADHLYVNVSEL-SLVNFEE--QTFFGLYKL  
 Apo2L 236 ---EYGLY-SIYQGGIFELKE--NDRIFVSVTNE-HLIDMDHE-----ASFFGAFLVG

FIG. 1C

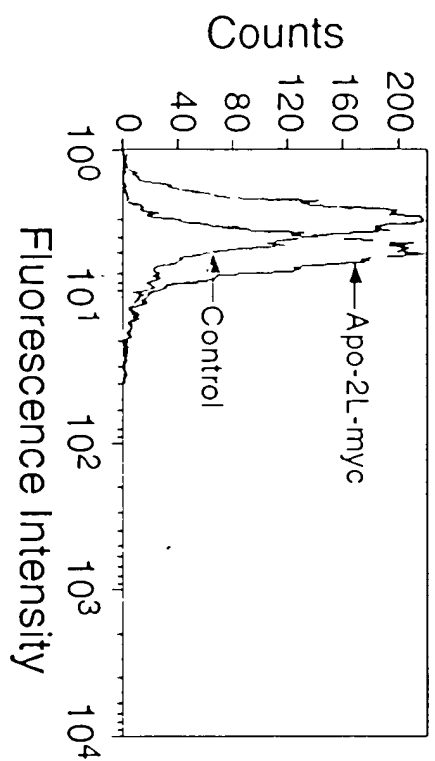


FIG. 1D

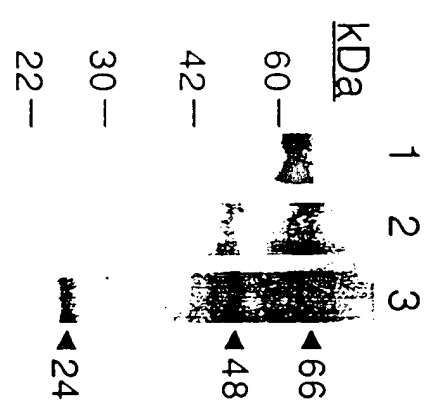
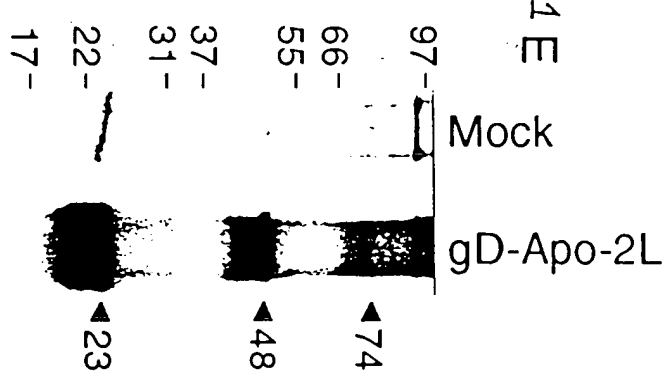


FIG. 1E



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FIG. 2A 9D cells

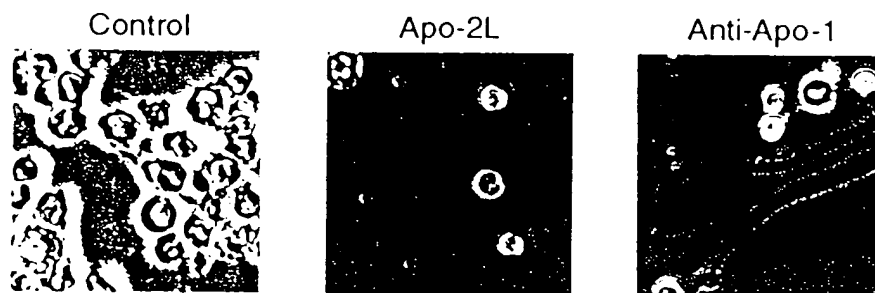


FIG. 2B 9D cells

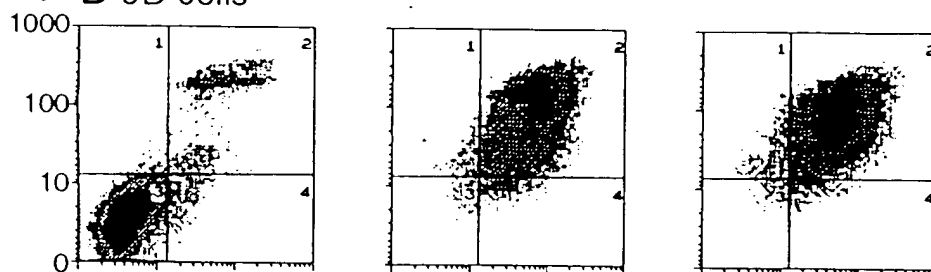


FIG. 2C Raji cells

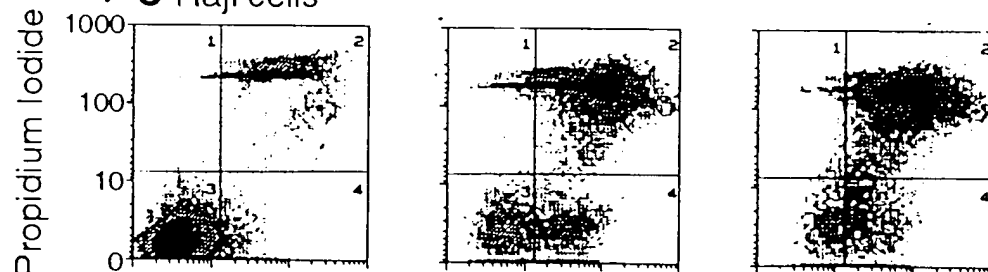


FIG. 2D Jurkat cells

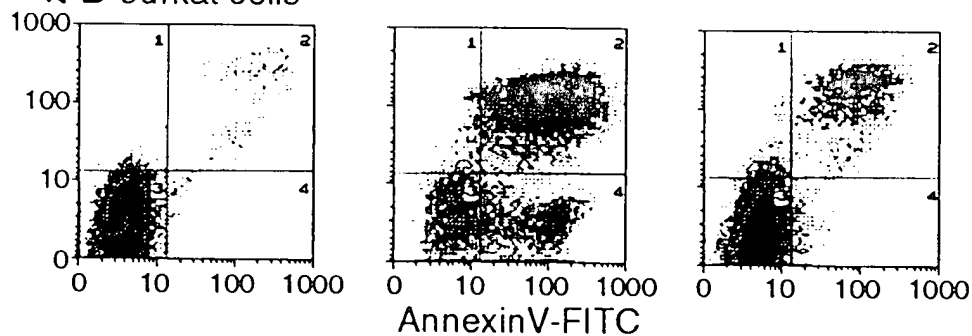


FIG. 2E

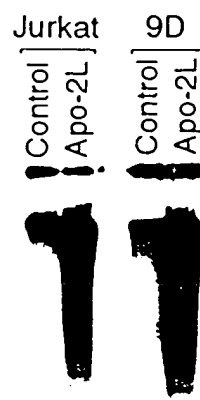


FIG. 3 A

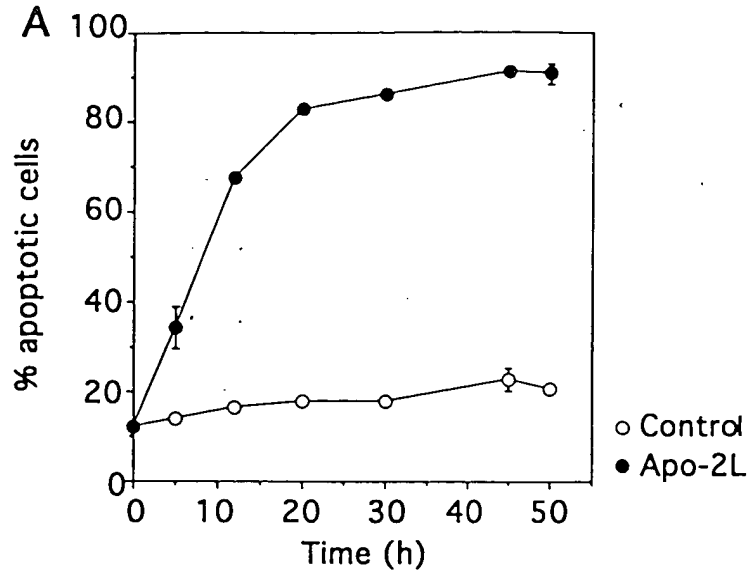


FIG. 3 B

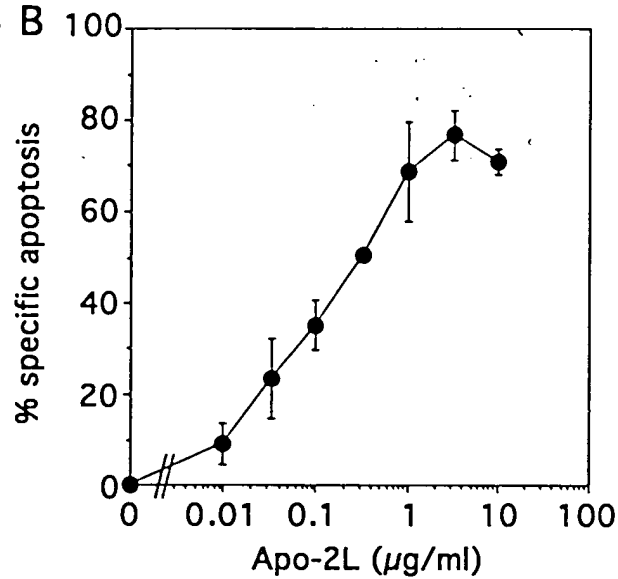


FIG. 3 C

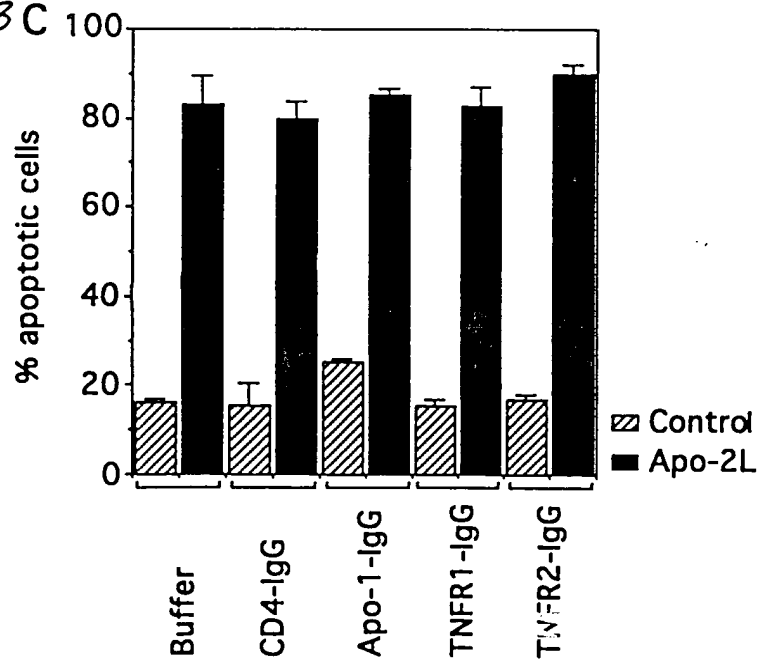


FIG. 4

FIG. 4

